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| APPLICATION NO.   | FILING DATE                              | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |  |
|-------------------|------------------------------------------|----------------------|---------------------|------------------|--|
| 10/509,680        | 10/12/2004                               | Kazunori Yamate      | P26108              | 3829             |  |
| 7055<br>GREENBLUM | 7590 08/03/2007<br>A & BERNSTEIN, P.L.C. |                      | EXAMINER            |                  |  |
| 1950 ROLANI       | D CLARKE PLACE                           |                      | HSIA, SHERRIE Y     |                  |  |
| RESTON, VA        | 20191                                    |                      | ART UNIT            | PAPER NUMBER     |  |
|                   |                                          |                      | 2622                |                  |  |
|                   |                                          |                      | ·                   |                  |  |
|                   |                                          |                      | NOTIFICATION DATE   | DELIVERY MODE    |  |
|                   |                                          |                      | 08/03/2007          | ELECTRONIC       |  |

## Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gbpatent@gbpatent.com pto@gbpatent.com

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Application No.                                                                                                                   | plication No. Applicant(s)                                                                        |       |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10/509,680                                                                                                                        | YAMATE, KAZUNORI                                                                                  |       |  |  |  |
| Office Action Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Examiner                                                                                                                          | . Art Unit                                                                                        |       |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sherrie Hsia                                                                                                                      | 2622                                                                                              | •     |  |  |  |
| The MAILING DATE of this communication app<br>Period for Reply                                                                                                                                                                                                                                                                                                                                                                                                                                            | ears on the cover sheet w                                                                                                         | ith the correspondence add                                                                        | dress |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DATE of time may be available under the provisions of 37 CFR 1.11 after SIX (6) MONTHS from the mailing date of this communication.  If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). | ATE OF THIS COMMUNI 36(a). In no event, however, may a vill apply and will expire SIX (6) MOI , cause the application to become A | ICATION. reply be timely filed  NTHS from the mailing date of this co BANDONED (35 U.S.C. § 133). |       |  |  |  |
| Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 1) Responsive to communication(s) filed on                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   |                                                                                                   |       |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | action is non-final.                                                                                                              |                                                                                                   |       |  |  |  |
| 3) Since this application is in condition for allowar                                                                                                                                                                                                                                                                                                                                                                                                                                                     | allowance except for formal matters, prosecution as to the merits is                                                              |                                                                                                   |       |  |  |  |
| closed in accordance with the practice under E                                                                                                                                                                                                                                                                                                                                                                                                                                                            | closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.                                         |                                                                                                   |       |  |  |  |
| Disposition of Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                   | ·                                                                                                 |       |  |  |  |
| 4)⊠ Claim(s) <u>1-12</u> is/are pending in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 4a) Of the above claim(s) is/are withdrawn from consideration.                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 5) Claim(s) is/are allowed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 6) Claim(s) is/are rejected.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   |                                                                                                   |       |  |  |  |
| ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ')☐ Claim(s) is/are objected to.                                                                                                  |                                                                                                   |       |  |  |  |
| 8) Claim(s) <u>1-12</u> are subject to restriction and/or election requirement.                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Application Papers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   | ,                                                                                                 |       |  |  |  |
| 9)☐ The specification is objected to by the Examiner.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Priority under 35 U.S.C. § 119                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 1. Certified copies of the priority documents have been received.                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 2. Certified copies of the priority documents have been received in Application No                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                   |       |  |  |  |
| _ · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3. Copies of the certified copies of the priority documents have been received in this National Stage                             |                                                                                                   |       |  |  |  |
| application from the International Bureau (PCT Rule 17.2(a)).                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                                                                                   |       |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   |                                                                                                   |       |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Attachment(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  Paper No(s)/Mail Date                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                   |                                                                                                   |       |  |  |  |
| 3) Information Disclosure Statement(s) (PTO/SB/08)  5) Notice of Informal Patent Application                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                   |                                                                                                   |       |  |  |  |
| Paper No(s)/Mail Date 6) Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                   |       |  |  |  |

## Election/Restrictions

1. This application contains claims directed to the following patentably distinct species 1, 3, 4, 5, 6, 9 and 10, respectively. The species are independent or distinct because claims to the different species recite the mutually exclusive characteristics of such species. In addition, these species are not obvious variants of each other based on the current record.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claim is considered as generic.

There is an examination and search burden for these patentably distinct species due to their mutually exclusive characteristics. The species require a different field of search (e.g., searching different classes/subclasses or electronic resources, or employing different search queries); and/or the prior art applicable to one species would not likely be applicable to another species; and/or the species are likely to raise different non-prior art issues under 35 U.S.C. 101 and/or 35 U.S.C. 112, first paragraph.

Applicant is advised that the reply to this requirement to be complete <u>must</u> include (i) an election of a species to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected species, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

The election of the species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically

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point out supposed errors in the election of species requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 CFR 1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected species.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the species unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other species.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sherrie Hsia whose telephone number is (571) 272-7347.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571) 272-7593.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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## Any response to this action should be mailed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Or faxed to:

(571) 273-8300

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office whose telephone number is (571) 272-1000.

Sherrie Hsia
Primary Examiner
Art Unit 2622

SH July 27, 2007